

MATERIAL SAFETY DATA SHEET

MC-X-01046

MSDS NUMBER

FM 4616

PRODUCT IDENTIFICATION

TRADE NAME AA Fiber for Aircraft			GENERIC NAME Fibrous Glass		
MANUFACTURER'S NAME Manville Building Materials Corporation			CAS NUMBER		
ADDRESS (STREET) P. O. Box 5108			PHONE NUMBER (303) 978-3120		
CITY Denver	STATE Colorado	ZIP 80217	CHEMICAL STRUCTURE		

I • PRODUCT INGREDIENTS

MATERIAL	CAS NUMBER	%	TLV
Fibrous Glass	65997-17-3	88	30*mppcf or
Phenolformaldehyde resin (cured)	25104-55-6	12	10 mg/m3 or
			Total Dust

*While OSHA considers glass microfibers to be a nuisance dust (TLV 30 mppcf of 10 mg/m3 total dust), Manville recommends a TLV of 2 f/cc for fibers longer than 10 micrometers.

II • PHYSICAL DATA

BOILING POINT N/A	SPECIFIC GRAVITY
SOLUBILITY IN WATER Negligible	PERCENT VOLATILE
APPEARANCE AND ODOR Colored fibrous mat - no significant odor.	

III • FIRE AND EXPLOSION DATA

FLASH POINT The fibrous glass is nonflammable however, the resin will pyrolyze in a major conflagration.	FLAMMABLE LIMITS	LEL	UEL
EXTINGUISHING MEDIA CO₂, water, water fog, dry chemical ABC rated.			
SPECIAL FIREFIGHTING PROCEDURES Resin will pyrolyze causing dense, acrid smoke - use self-contained breathing apparatus.			
UNUSUAL FIRE OR EXPLOSION HAZARDS None			

IV • HEALTH HAZARD INFORMATION

HAZARD BY ROUTES OF EXPOSURE (Indicate chronic or acute)	
INHALATION	Based on current data available, there are no known acute or chronic health hazards.
INGESTION	None
EYE	Transient mechanical irritant.
SKIN CONTACT	Transient mechanical irritant.
SKIN ABSORPTION	None
SIGNS AND SYMPTOMS ASSOCIATED WITH EXPOSURE OVER TLV Inhalation - excessive exposure to product dust may cause upper respiratory irritation.	
Eye - temporary irritation or inflammation.	
Skin - temporary irritation or rash.	

HEALTH HAZARD INFORMATION CONTINUED ON BACK

V • HEALTH HAZARD INFORMATION (Continued)

FIRST AID

INHALATION

Remove to fresh air.

INGESTION

N/A

EYE CONTACT Flush with copious quantities of water. If irritation persists, consult a physician.

SKIN CONTACT

Wash exposed areas with soap and warm water.

SKIN ABSORPTION

VI • CONDITIONS FOR SAFE USE (When over TLV)

RESPIRATORY PROTECTION

Use a respirator suitable for protection against nuisance dust.

EYE PROTECTION

Goggles are recommended.

PROTECTIVE GLOVES

Not normally required.

OTHER PROTECTIVE CLOTHING/EQUIPMENT

VENTILATION REQUIREMENTS

Recommended at source of any mechanical cutting.

VII • REACTIVITY DATA

IS MATERIAL STABLE?

Yes

WILL HAZARDOUS POLYMERIZATION OCCUR?

No

INCOMPATIBILITY

Hydrofluoric acid

CONDITIONS TO AVOID

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, phenol, hydrogen cyanide derived from pyrolysis of the resin.

VIII • SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED

Vacuum clean dust. If sweeping is necessary use a dust suppressant.

WASTE DISPOSAL METHOD

Normal practice

LABELING REQUIRED?

Yes

DOT REGULATED?

DOT NUMBER

RCRA REGULATED?

No

RCRA NUMBER

IX • SPECIAL PRECAUTIONS

SPECIAL PRECAUTIONS FOR HANDLING AND STORAGE

OTHER PRECAUTIONS

See caution label on package.

PREPARED BY

Kenneth A. Roberts

DATE

11/11/83

TITLE

Mgr., Environmental Services

While the information and recommendations set forth herein are believed to be accurate as of the date hereof, THE MANUFACTURER MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.